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NF- κ B

FIG. 1 (a)

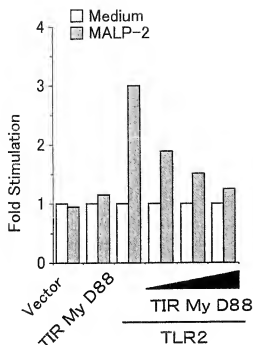


FIG. 1 (b)

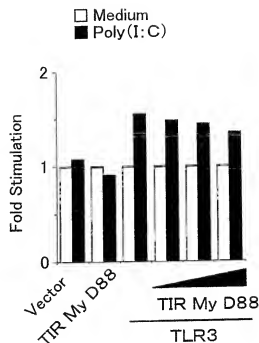


FIG. 1 (c)

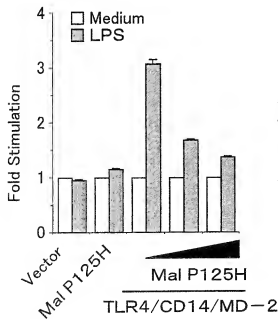
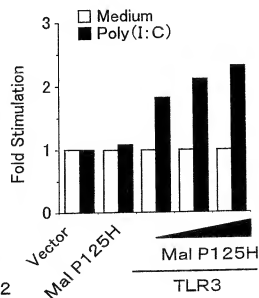


FIG. 1 (d)



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Interferon β

FIG. 2 (a)

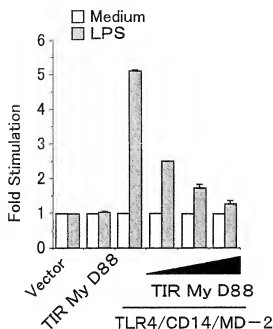


FIG. 2 (b)

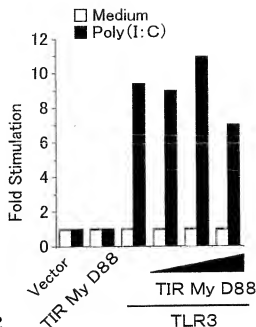


FIG. 2 (c)

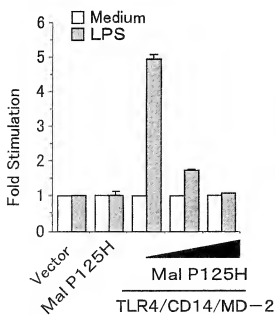
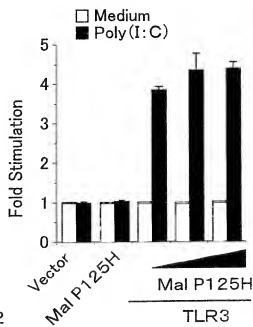


FIG. 2 (d)



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FIG. 3 (a)

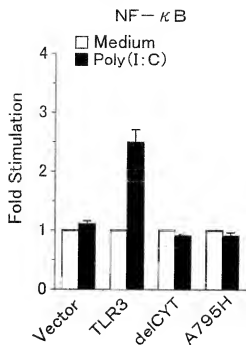


FIG. 3 (b)

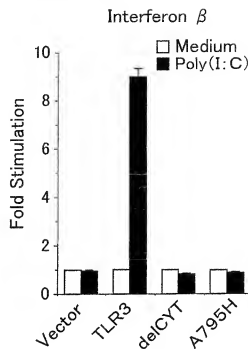
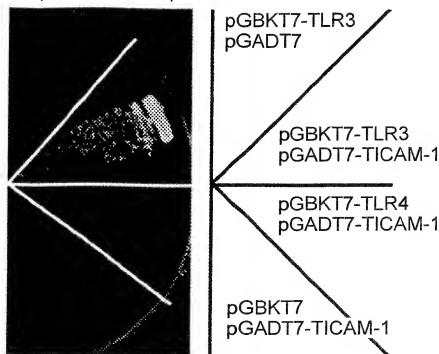


FIG. 4

SD-Trp-Leu-His-Ade plate



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FIG. 5

TICAM-1. hu MACTGPSLPSAFDILGAAGQDKLLYLKHLKLTTPRGCGQGDLLHAMVLLKLGQETEARIS
TICAM-1. mu MDNPGPSLRGAFGILGALERDRLTHLKHKLGSLSG6SQESKLLHAMVLLALGQDTEARVS
* , **** , ** , **** : * : : ***** : , * , , ***** **** : **** *

TICAM-1. hu LEALKADAVARLVARQWAGVDSTEDPEEPDVSWAVARLYHLLAEKLCPASLRDVAYQE
TICAM-1. mu LESLKMNVTYAVLQVHAWQADMETTEGPEEPDLSWTVARLYHLLAEENLCPASTRDMAYQV
** , ** : ** : **** , : : ** , ***** : ** : **** , **** , ****

TICAM-1. hu AVRTLSSRDDHRLGELQDEARNRCGWDIAGDPGSIRTLQSNLGCPLPPSALPSGTRSLPR
TICAM-1. mu ALRDFASQGDHQLGQLQNEAWDRCSDDIKGDPGSGFQPLHSHQSLQPPSASPAVTRSQPR
* : * : , ** : **** , ** : ** , ** , ** , : , * : , * , * , * : ** **

TICAM-1. hu PIDGVSDWSQGCSLSTGSPASLASNLEISQSPMPFSLHRSHPGSPKLCDDPQASLVP
TICAM-1. mu PID-TPDWSWGHTLHSTNSTASLASHLEISQSTLAFSLSHHGTHGSPKLCNTPLDTQEP
*** , ** , * : * : ** , * : **** : **** , ** , ** , **** : * : *

TICAM-1. hu EPVPGGCGEPEEMSWPPSGEIASPPPLPSSPPPGLEVPADATSTGLPDTAPAPETSTNY
TICAM-1. mu QLVPEGCGEPEEISWPPSVETSVSLGLP--HEISVPEVSPPEEASPILPDALAAPDTSVHC
: ** : **** : **** * : , ** : , **** : , * , ** : **** : *

TICAM-1. hu PVECTEGSAGPQSLPLPILEPVKNPCSVKQDTPLQLSVEDTTSPNTKPCPPTPTTETSP
TICAM-1. mu PICTELSTNSRSPLTSTTESVGKQWPIQSORSQVQVGGDLSQNTSSSPPAQPPSLQA
* : **** * : , * : , * : * : , * : * : * : * : * : * : , * : , *

TIR

TICAM-1. hu PPPPPP---SSTPCSAHLTPSSLFPSSLESSS-EQKFYNFVILHARADEHIALRVREK
TICAM-1. mu SPKLPPSPSSASSPSSYPAPPTSTSPVLDHSETSDQKFYNFVILHARADEQVALRIK
* , ** , : * : , * : * : * : , * : : **** : **** : **** : ****

TICAM-1. hu LEALGVDPDGAFCEDFQVPGRGELSCQLDAIDHSAFILLTTSNFDCLSLHQVNOAMMS
TICAM-1. mu LETLGVDPDGAFCDEFQVPGRGELHCLQDAIDHSGFTILLTASFDCSLSLHQINHALMN
** : **** : **** : **** : **** : * : **** , ** : **** : * : , *

TICAM-1. hu NLTRQSGPCDVIPLPLESSPAQLSSDTASLLSGLVRLDEHSQIFARKVANTFKPHRLQA
TICAM-1. mu SLTQSGRQDCVILLPLEGSAQLSPDTRLLHSIIVLDEHSPIFARKVANTFKTQKLQA
* : , * : **** : **** , * : **** , * : * : * : **** : **** : **** : ****

TICAM-1. hu RKAMWRKEQDTRALREQSOHLDGERMQAAALNAAYSAYLSYLSYQAQMEQLQVAFGSHM
TICAM-1. mu QRVRWKAGEARTLKEQSILEAERQNVAAISAAYTAYVHSYRAWQAEMNKLGVAFGKNL
: : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * : *

TICAM-1. hu SFGTGAPYGARMFPGGQVPLGAPPPFTWPGCPQPPPLHAWQAGTPPPSPQPAAFQPS-
TICAM-1. mu SLGTPTPSWPGCPQP--IPSHPGGTPVFPYSPQPPSPFPQPPCFPQPPSPFPQPPSPFLPP
* : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * : *

TICAM-1. hu LPFPQSPAFPTASAPPQSPGLQPLIHHAQMVQLGLNNHWNQRGSAPEDKTGEAE--
TICAM-1. mu VSPQSQSPFASAPPQTPGPQPLIHHAQMVQLGLNNHWNWGTGAQSSDDKTECSEN
: , ** : ** : ** , * : ** : **** : **** : **** : * : , : **** : *

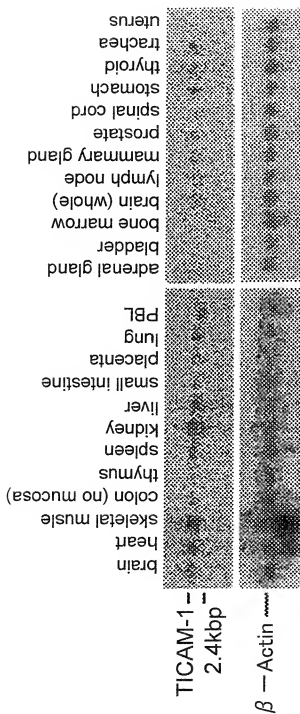
TICAM-1. hu -----
TICAM-1. mu CMGPLTDQGEPLLETPE

FIG. 6

TICAM-1 (TIR). hu	BOX1	FYNFVILHARADEHIALRVREKLEALGVDPGATFCEDFQVPGRGELSCLODAIDHSAF I-	BOX2	FYNFVILHARADEHIALRVREKLEALGVDPGATFCEDFQVPGRGELSCLODAIDHSAF I-
TICAM-1 (TIR). mu		FYNFVILHARADEQVALRIREKLETLGVDPGATFCEEQVPGRGELHCLODAIDHSGFT-		FYNFVILHARADEQVALRIREKLETLGVDPGATFCEEQVPGRGELHCLODAIDHSGFT-
MaI (TIR). hu		DYDVCVCHSEEDLVAAQDLVSYLEGSTASLRCFLQLRDAIPGGAIVSELQALSSSHCR-		DYDVCVCHSEEDLVAAQDLVSYLEGSTASLRCFLQLRDAIPGGAIVSELQALSSSHCR-
MyD88 (TIR). hu		RFDALICYCPSDIQFVQEMIRQLEQTNYRLKLCVSDRDVLPG-TCVWSIASELIEKRCRR		RFDALICYCPSDIQFVQEMIRQLEQTNYRLKLCVSDRDVLPG-TCVWSIASELIEKRCRR
		:: :: :: *		:: :: :: **
TICAM-1 (TIR). hu		-ILLTTSNFDGRLSLHOVNQAMMSNLTRGSPDCVLPFLPLESSPAQLSSDTASLLSGLV		-ILLTTSNFDGRLSLHOVNQAMMSNLTRGSPDCVLPFLPLESSPAQLSSDTASLLSGLV
TICAM-1 (TIR). mu		-ILLTASFCGSLSLHQINHALMNSLTQGRQDCVLPLLPLECSQAQLSPDTTRLLHSIV		-ILLTASFCGSLSLHQINHALMNSLTQGRQDCVLPLLPLECSQAQLSPDTTRLLHSIV
MaI (TIR). hu		-VLLITPGFLQDPWCKYQMLQALTEAP--GAEGCTIPLLSGLSRAAYPPELRFMYVDGR		-VLLITPGFLQDPWCKYQMLQALTEAP--GAEGCTIPLLSGLSRAAYPPELRFMYVDGR
MyD88 (TIR). hu		MVVVSDDYLOSKECDFQTKFALSLSPG-AHQKRLIPIKYKAMKKEFPSILRFITVCDYT		MVVVSDDYLOSKECDFQTKFALSLSPG-AHQKRLIPIKYKAMKKEFPSILRFITVCDYT
		:: :: :: :		:: :: :: **
TICAM-1 (TIR). hu	BOX3	RLDEHSQIFARKKVANTFKPHR-----		RLDEHSQIFARKKVANTFKPHR-----
TICAM-1 (TIR). mu		WLDEHSPIFARKKVANTFKTKQ-----		WLDEHSPIFARKKVANTFKTKQ-----
MaI (TIR). hu		GPDDGFRQVKEAVMRC-----		GPDDGFRQVKEAVMRC-----
MyD88 (TIR). hu		NPCTKSWFWTRLAKALSLP-----		NPCTKSWFWTRLAKALSLP-----

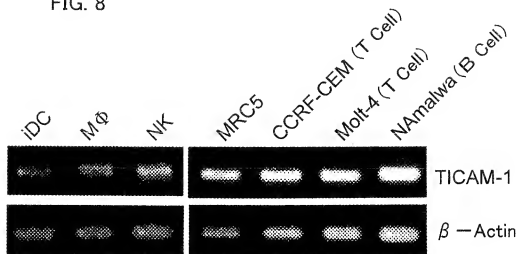
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FIG. 7



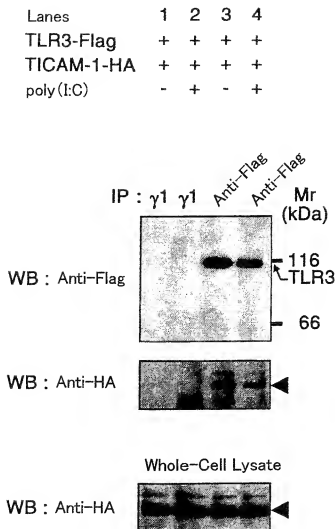
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FIG. 8



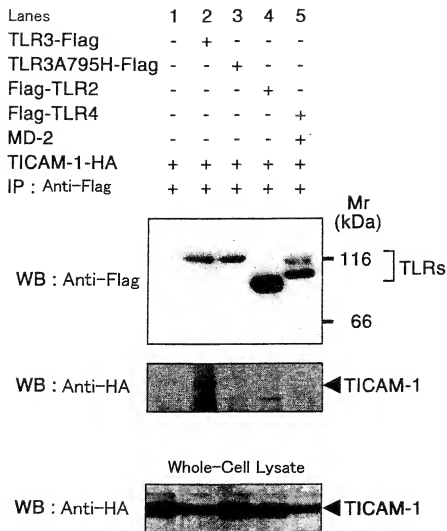
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FIG. 9



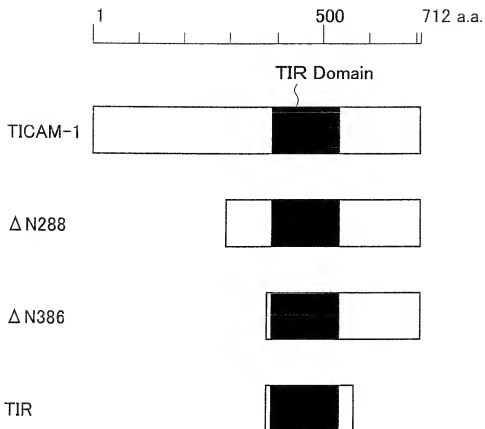
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FIG. 10



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FIG. 11



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FIG. 12 (a) Interferon β

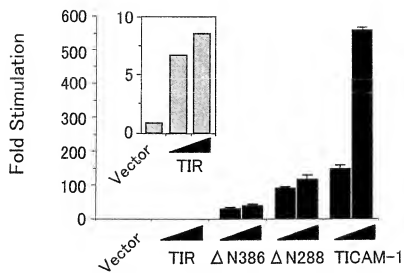
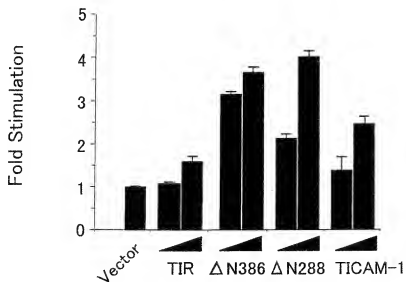


FIG. 12 (b) NF- κ B



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FIG. 13 (a)

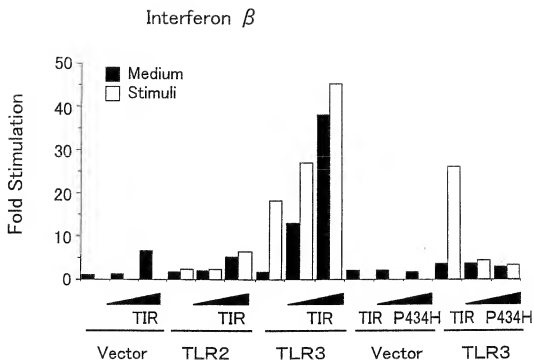
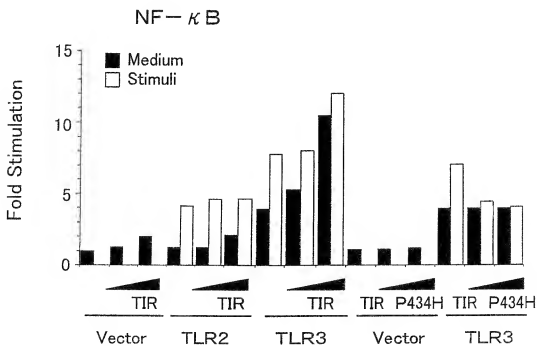


FIG. 13 (b)



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FIG. 14 (a)

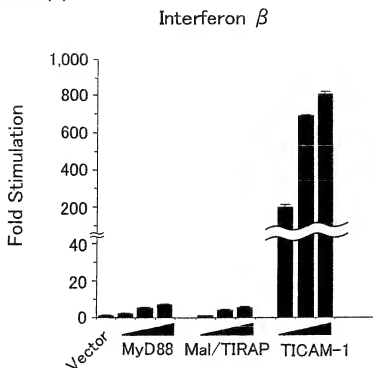
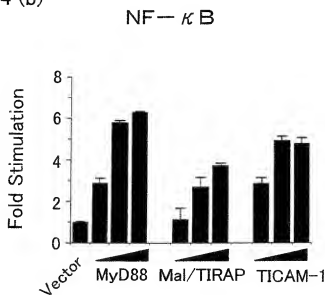
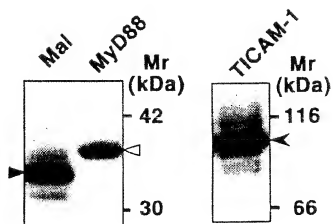


FIG. 14 (b)



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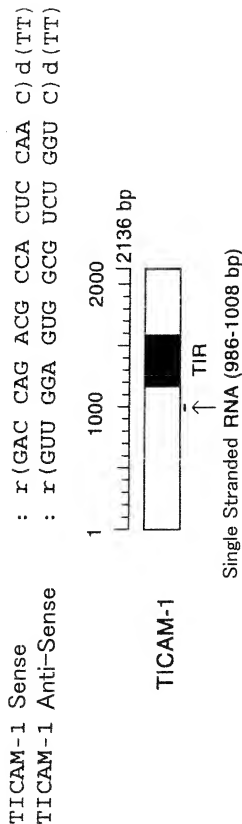
FIG. 15



WB : Anti-HA

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FIG. 16



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FIG. 17 (a)

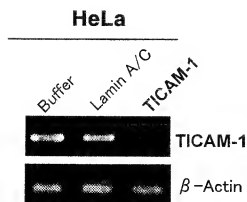


FIG. 17 (b)

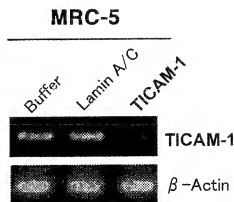


FIG. 18 (a)

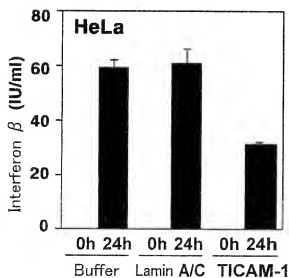


FIG. 18 (b)

